



The

# GARzette

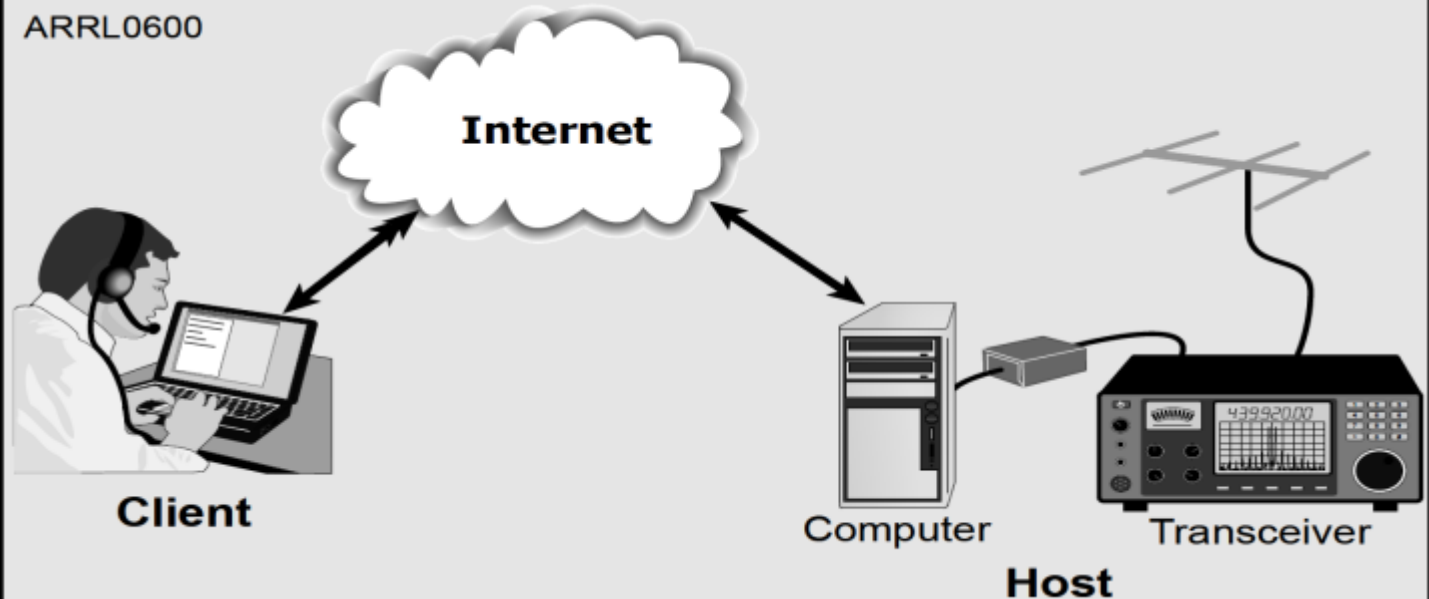
The Official Newsletter of the Gwinnett Amateur Radio Society  
July 2016 <http://www.gars.org/> Volume 25, Issue 7



## Remote Control Your Station



ARRL0600



From anywhere in the world! (For FREE)

# Message from the President

I am happy to announce that the GARS 2016 Field Day event was a smashing success. Special thanks to David, KA4KKF for being the field day chairman for yet another year. I won't even begin to mention all the other names that helped make field day happen as I would fill the rest of this page! A good time was had, many contacts made, lots of points accumulated, much water consumed, and many great meals served. Heat was our greatest enemy this year but at least we didn't have any rain or thunderstorms.



"Thanks again all for your support of GARS activities. As I always say, the more that participate the easier and more fun each event is."

After field day, another much anticipated event to me and many others is the 13 Colonies Special Event. Every year all 13 colonies get activated by a special call as well a couple of special stations. The WM3PEN station in Philadelphia and the sister station GB13COL in Durham, England. I can attest that the England station is the hardest to contact. As I am typing this note I am waiting for "4" calls to come round on the rotation for my "clean sweep"! It can be done on 100 watts and a wire so don't hesitate to try. More information can be found at <http://www.13colonies.net/>.

I would like to thank Bill Eggers, WB2RIS for stepping up to the job of editing the GARzette! We have been looking for a volunteer for several months. Our current editor Ray Bailey, N4GYN has been doing a fantastic job for many years now and he will be transitioning the job to Bill over the next few months. Meanwhile if you have something you would like to have published please email the information to both [GARS@billeggers.com](mailto:GARS@billeggers.com) and

[srbailey@comcast.net](mailto:srbailey@comcast.net). Your contributions will be much appreciated.

Once again we are activating another National Park on Saturday, July 16th. It will be the same park as before, the Abbotts Bridge Unit of the Chattahoochee River National Recreation Area. These activations are a great

way to get your feet wet in setting up and operating field station on emergency power as the park has no electrical facilities. Please come out and enjoy the company and get on the air with us. More information on our activation can be found on the web-

site [gars.org](http://gars.org). More info about NPOTA can be found at [npota.arrl.org](http://npota.arrl.org).

Finally to get on my soap-box: We are looking for volunteers to work our bi-yearly fund raising event. We will assist in taking entrance fees and helping with traffic around the dog show at the Atlanta Expo Centers South, better known as the Scott Antique Mart. Dates, times, details, and a sign-up sheet can be found on the [gars.org](http://gars.org) website. We will work 4 days with 2 four hour shifts. Proceeds from this event benefit both GARS and the Gwinnett ARES group.

Thanks again all for your support of GARS activities. As I always say, the more that participate the easier and more fun each event is.

Thanks and 73,

*Rick Cobb, N4XXY*

***"It is not the class of license the Amateur holds, but the class of the Amateur that holds the license."***

# GARS July Meeting

## Remote Control Your Station For FREE!

by Ray Bailey—N4GYN

*Tuesday, July 12, 2016  
7:00 pm*

**Sports Aviation Complex—Hangar 1  
690 Airport Road  
Lawrenceville, GA 30045**

[Directions](#)

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### **GARS Communications**

2 Meter Repeater  
147.075(+) MHz  
82.5 PL Tone

APRS  
144.390 -- 1200 Baud  
W4GR

D-Star  
WD4STR  
145.060 + (1.4 MHz)  
440.550 + (5 MHz)

2 Meter Repeater  
147.255(+) MHz  
107.2 PL Tone

6 Meter Repeater  
53.110 (-1 MHz)  
No PL tone

70 Cm Repeaters  
444.525(+) MHz  
82.5 PL Tone  
442.100(+)  
100 PL Tone

**Don't forget  
to support our  
advertisers at the  
back of the  
*GARzette*.**

The *GARzette* is the official monthly newsletter of the Gwinnett Amateur Radio Society, serving its members and other persons interested in the advancement of the Amateur Radio art.

Original articles, art, and photos are invited and encouraged. Previously copyrighted submissions cannot be accepted for reprinting unless permission from the appropriate publisher is provided in writing along with the information being submitted. If reprints are from publications allowing their unrestricted use, please include a copy of the printed permission contained in the publication.

If possible, bring your articles to the monthly meeting in Microsoft Word or rich text (.rtf) or text or HTML format or by e-mail to [n4gyn@arrl.net](mailto:n4gyn@arrl.net). Artwork can be accepted in most any graphics format and can be submitted via e-mail to the same address. Alternate means of submittal can be arranged when necessary.

In keeping with the Amateur Radio spirit, permission is hereby granted for the reproduction of The *GARzette* articles by other Amateur Radio club newsletters provided that proper credit is given to the individual author and *The GARzette*.

The *GARzette* is published each month with the assistance of Norm Schklar, WA4ZXV who prints copies for distribution at meetings, etc. and Dave Bruse, W4DTR, who distributes the news letter electronically.

Deadline for submissions is the 28th of each month for inclusion in the following month's issue.

For additional information view our Website at: <http://www.gars.org>

Newsletter Editor: Ray Bailey—N4GYN  
770-689-6620 or [editor@gars.org](mailto:editor@gars.org)



# Member QRZ Pages

For a few months we will be featuring the QRZ page of various members of GARS.

This month we are featuring the QRZ page of :

## KJ4CMY - David Harden

When you click on the link below you will find this picture of him.

<http://qrz.com/lookup/kj4cmv>

Read his notes and get to know him better.  
You'll be glad you did.



Here is an excerpt from his page:

*“When the Apollo-Soyez Test Project went on, I was up early in the morning to watch the Soyuz being launched. Turned out the launch was postponed, so I decided to tune around on the shortwave bands, and found a station in Papua New Guinea. It is still one of my best catches.”*

Watch for another featured GARS member QRZ page in next month's GARzette!

## News, Press Releases, & General Interest

### The Radio Amateur's Code

#### The Radio Amateur is:

CONSIDERATE...He/[She] never knowingly operates in such a way as to lessen the pleasure of others.

LOYAL...He/[She] offers loyalty, encouragement and support to other amateurs, local clubs, the IARU Radio Society in his/[her] country, through which Amateur Radio in his/[her] country is represented nationally and internationally.

PROGRESSIVE...He/[She] keeps his/[her] station up to date. It is well-built and efficient. His/[Her] operating practice is above reproach.

FRIENDLY...He/[She] operates slowly and patiently when requested; offers friendly advice and counsel to beginners; kind assistance, cooperation and consideration for the interests of others. These are the marks of the amateur spirit.

BALANCED...Radio is a hobby, never interfering with duties owed to family, job, school or community.

PATRIOTIC...His/[Her] station and skills are always ready for service to country and community.

- adapted from the original Amateur's Code, written by Paul M. Segal, W9EEA, in 1928

Via ARRL.org <http://www.arrl.org/amateur-code>



# GARS Happenings

## 2016 FIELD DAY IN REVIEW...





# More GARS Happenings

Photos from May 6, 2016 STEM Day at Mason Elementary School





# More GARS Happenings

From <http://www.arrl.org/news/view/youth-dx-adventure-team-headed-to-saba-in-august>:



The 2016 Dave Kalter Memorial Youth DX Adventure ([YDXA](#)) team is heading to Saba to the Caribbean station of Jeff Jolie, PJ6/NM1Y, who will host three teenaged Amateur Radio operators and their chaperones.

This year's youth team includes Morgan Croucher, KD8ZLK; **Ruth Willet, KM4LAO**, and Faith Hannah Lea, AE4FH. Escorting them will be Joe Binkley, KD8YPY; **Sharon Willet, KM4TVU**, and James Lea, WX4TV. The budding DXers/DXpeditioners will be on the air from Saba August 2-9.

Congratulations to Ruth and Sharon for being chosen for the team! We'll look for you on the bands!

---

Here's a photo of our VE Team, dated June 12, at Fire Station 24:



# More GARS Happenings

Here's a photo of GARS members helping out at the Popcorn Run 5K, held June 18 at Shorty Howell Park in Duluth. The Popcorn Run 5K benefits the Manna Fund, a 501c(3) non-profit organization dedicated to providing education, hope and financial assistance to individuals who need treatment for eating disorders. For more information go to

<http://www.popcornrun5k.com>





# Amateur Radio Week

## PROCLAMATION

Amateur Radio Week  
June 19 – 25, 2016

WHEREAS, Amateur radio operators are celebrating more than a century of the miracle of human voice broadcast over the airwaves; and

WHEREAS, Amateur radio has continued to provide a bridge between peoples, societies, and countries by creating friendships and sharing ideas; and

WHEREAS, Amateur radio operators have provided countless hours of community service throughout the decades; and

WHEREAS, The state of Georgia also recognizes the service amateur radio provides to many emergency response organizations, including the Georgia Emergency Management Agency and the Gwinnett County Office of Emergency Management; and

WHEREAS, Gwinnett County recognizes and appreciates the diligence of these amateur radio operators who also serve as weather spotters in the Skywarn program of the National Weather Service; and

WHEREAS, The American Radio Relay League is the national association for amateur radio in the United States; and

WHEREAS, The American Radio Relay League Field Day exercise will take place on June 25 and 26, 2016, and is a 24-hour emergency preparedness exercise and demonstration of the operators' skills and readiness to provide self-supporting communications without the need for additional infrastructure.

NOW THEREFORE I, Charlotte J. Nash, on behalf of the Gwinnett County Board of Commissioners, do hereby recognize June 19 – 26, 2016, as Amateur Radio Week in Gwinnett County.

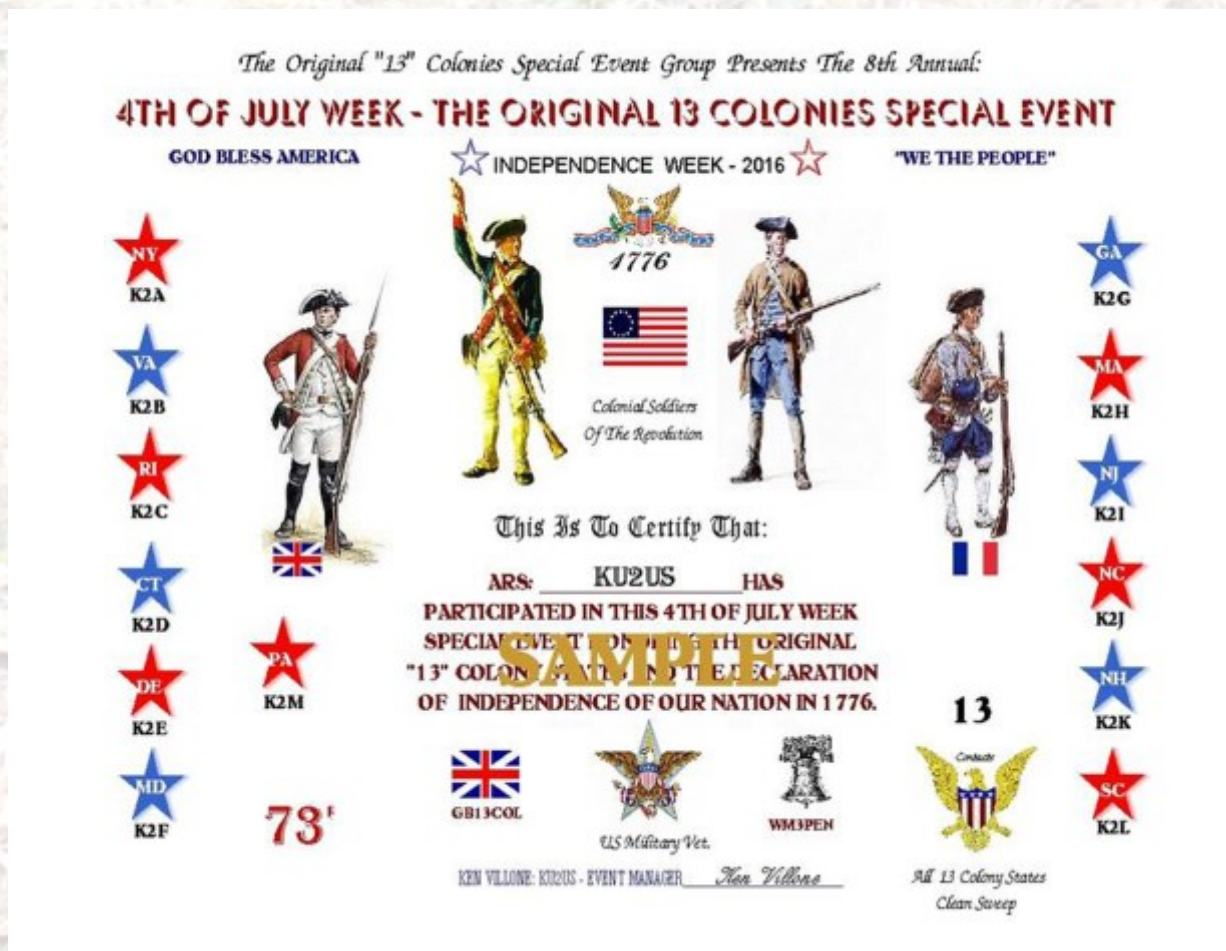




# 13 Colonies Special Event

This Years Event Dates / July 1 (9AM EST) to July 6th (Midnight EST)  
(July 1, 2016-1300 UTC to July 7, 2016-0400 UTC)

For more information go to <http://www.13colonies.net/>



The 13 Colonies will have TWO Bonus Stations: Our old friends [WM3PEN](#) will participate from Philadelphia, PA, where independence was declared.

The 13 Colonies certificate will have a Liberty Bell added for a contact with [WM3PEN](#). [WM3PEN](#) will be on D-STAR and Fusion each evening from 7-11 PM Eastern Time (2300Z-0300Z).

[GB13COL](#) will operate from Durham, England. For a contact with [GB13COL](#) the certificate endorsement will be the "British Standard".

Event operators in the original colonies will use special event callsigns K2A thru K2M; Georgia operators (including some GARS members) will use callsign K2G.



# Congratulations to the 2016 GARS Scholarship Winner!



June 8, 2016

Gwinnett Amateur Radio Society  
Norman Schklar, WA4ZXV  
480 North Peachtree Street  
Norcross, GA 30071-2139

Dear Friends,

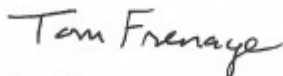
On behalf of the ARRL Foundation Officers and Board, I am pleased to announce the 2016 recipient of The Gwinnett Amateur Radio Society Scholarship in the amount of \$1,000.

Jackson J. Wiggs, KM4GBJ of Lawrenceville, GA, has been selected for The Gwinnett Amateur Radio Society Scholarship from an outstanding group of applicants. Scholarship recipients were recently notified of their awards, and we have already had many replies conveying their excitement and appreciation.

Scholarships through the ARRL Foundation would not be available without the support of thoughtful and generous sponsors such as you. Thank you for making The Gwinnett Amateur Radio Society Scholarship possible, and for aiding a student Amateur Radio operator in his/her pursuit of their higher education. I am confident that these young people will be successful in their future careers, and in representing Amateur Radio as well.

Again, many thanks for your support of this award. If you have any questions, please contact ARRL Foundation Secretary Lauren Clarke, KB1YDD at ARRL (lclarke@arrl.org or 860-594-0348).

Best 73,



Tom Frenaye, K1KI  
President  
ARRL Foundation

# SOTA— Summits On The Air

## ***I Always Activate Mount Stupid***

Practice makes perfect... but operating from a summit makes me stupid. I thought I'd made every possible error on an activation by now, but I nearly ruined yesterday's activation with a new one. Let's take a look at why mistakes are so common on an activation, and how to avoid them or recover when they occur.

### **Whence Foul-ups?**

Activations are complex undertakings. There are hundreds of micro-activities in an activation. Human beings cope with complex activities by developing systems. (Habits are a special kind of system.) You can't possibly think of every detail for an activation, so you rely on habits, checklists, and rules of thumb.

...but there's a high degree of randomness and fatigue when you operate outdoors, from a pack, at the end of an uphill hike. Depending on schedule/weather/daylight, you may be in a hurry. It's as if you were cleaning house, on deadline, while your dog chases the cat, after you stayed up all night. You're tired and distracted, so you need systems to help you cope. Every activation is different, so you need to be flexible.

### **Smart Me and Stupid Me**

When I'm packing/planning, I like to think of the "hill-me" who is on the summit as if he were a separate person. I think of him as well-intentioned, but forgetful and not too bright. It helps to externalize it in this way, so I can consider, "What clever thing can I do *now* to make him successful *then*?"

Of course, getting up at oh dark thirty, driving three hours, hiking up the side of a hill, getting dehydrated, and sensory overload from operating in the cold/heat/wind/bugs/passers-by pretty well ensures that hill-me will *be* forgetful and not too bright!

### **Checklists and Habits**

The first step in error prevention is the humble [checklist](#). Every time you find yourself skipping/forgetting an item, add it to your checklist. The checklist is your brain supplement.

- I use a printed checklist for planning a trip, another checklist for *packing*, and yet another for operating.
- I pack some of my gear in three one-gallon baggies. Each baggie has a list of its contents written on it.

Some checklists are tangible - such as my printed lists; other checklists are more like habits. After an activation, as I'm packing up, I *always* count, "1, 2, 3," as I stuff my three baggies into the pack, to ensure I don't leave one behind.

Another habit is tracing connections. Once I *think* I'm set up, I trace the signal path from my mic/paddle through the radio and out to the far end of my antenna. Then I trace the imaginary signal from the far tip of the antenna all the way back to my earbuds. This ensures that I don't do something stupid like trying to operate without an antenna.



Mount Everest (not Mount Stupid)

(Continued on page 13)



# SOTA - Cont'd

*(Continued from page 12)*

## Labels

Label everything, unambiguously.

My latest foul-up came from operating a radio with a switch marked "Band 1 2 3." This radio operates on 20, 30, and 40 meters. Except it really operates on 40, 30, and 20. Band 1 is 40, not 20. It announces the band when you power it on, but if you're distracted at that moment, or you aren't wearing earbuds yet, it is awfully easy to operate on the wrong band. It is operator error, but I'm going to get out my label maker this afternoon, and print a label which says, "40, 30, 20."

My wire-winder for my 20 meter EFHW antenna is marked "20m EFHW"; the winder for the 30 foot wire I use with an [EARCHI 6-40 UNUN](#) is marked "EARCHI 6-40". Those wires are awfully easy to mix up otherwise. (I've also started using different colored wire for different antennas, to make them easier to recognize.)

## Systems

The underlying principle behind checklists, habits, and labels is similar to [Six Sigma](#). Put systems in place that make it impossible to repeat a mistake or, where that's not possible, to detect mistakes early.

Activating always requires about 20 IQ points more than what's available. When you do something bone-headed, ask yourself, "How can I prevent this next time?" It may be as simple as, "Add 'power cable' to my packing list." (Been there. Done that.) It may be a rule such as, "Never put anything down unless you put it on your ground cloth." (Lost lots of stuff before I started doing that.)

Quick tip: Brightly colored earbuds are harder to lose on the forest floor than black ones and Amazon often sells pink colored products at a discount.

## Wrap-up

Be prepared to improvise when necessary. (There's an activator who used the twist tie from his sandwich bag, when he needed a jumper!) Don't give up on an activation until you've sat and considered your options for a good 30 minutes. Then, figure out how to make sure it isn't a problem on your next summit. Remember, it isn't an adventure if you succeed every time.

If you have a topic you'd like to see addressed in a future column, please send me an email. I'm running out of ideas for columns!

See you on the summits!

73 DE K4KPK / *Kevin*

## Where can I find out more?

K4KPK's site: <http://k4kpk.com/content/sota-menu>

Email me (K4KPK). My email address is available via <http://www.qrz.com/db/K4KPK>.

## Bio

**K4KPK, Kevin Kleinfelter is Georgia's first SOTA Mountain Goat. He has completed more than 175 activations.**



# Beginners Corner

## Ham Video Adventures

I have been amazed at how many excellent quality videos there are for someone who is new to ham radio, or even for us “old timers”. I thought I would take the time to share with you some of the better videos that might help new hams improve their knowledge base, or just to watch and enjoy.

First, there is “Ham Nation,” a weekly program that is both informative and fun to watch. It comes on live every Wednesday at about 9:00 pm on [twit.tv](http://twit.tv). You can catch past episodes, every one of them on the Ham Nation Channel on Youtube ([www.youtube.com](http://www.youtube.com)). If you are unable to catch the live broadcast, it is usually on Youtube by Thursday afternoon. I like watching it live, because they have gaffs and technical glitches that are normally edited out.

I have been a fan of the “TX Factor”, a UK based program that comes out every once in a while. Episode 11 shows how a school in England won a QSO with Tim Peake, a UK astronaut on the International Space Station. The TX Factor is a highly professionally produced program. They do an excellent job. Check them out at [txfactor.co.uk](http://txfactor.co.uk).

Dave Casler, has a Youtube channel called “Ham Radio Answers,”. His programs are well done and cater to the non-technically oriented ham. Go to Youtube and look up his channel. To pose an Ask Dave question: <http://www.dcasler.com/ask-dave/> or <http://www.ke0og.net/ask-dave/>.

Want to hear about a whole family of hams? One of W5KUB's ([w5kub.com](http://w5kub.com)) latest webcasts has an interview with a ham family. (The family that hams together...well has fun together.) Again, go to Youtube and look for W5KUB or “Amateur Radio Roundtable”. He does this webcast live on Tuesdays at 9 pm.

One time good deal, GI! Check out these excellent DXpedition videos: For those who may have been following (and hopefully working!) the epic DXpedition to South Sandwich and South Georgia in the far South Atlantic, here is a link to videos of the last expedition to these islands in 2002, [VP8THU South Sandwich Islands DXpedition](#). Here is a link to the South Georgia expedition: [VP8GEO South Georgia Island DXpedition](#). Both of these videos show DXpeditioners in adverse conditions. It is nice we can watch these in the comfort of our living rooms.

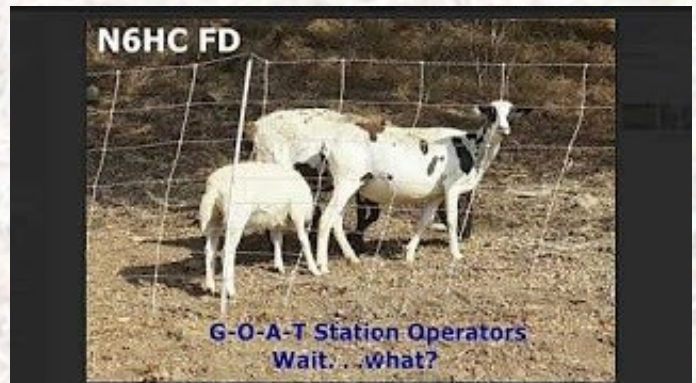
I have mentioned “Ham Radio Now” before. Gary Pearce, KN4AQ, does mostly interview webcasts. He produces them now and again. He does go to a number of hamfests and conferences and does an excellent job of recording the presentations at these events. His web site is [hamradionow.tv](http://hamradionow.tv), and like nearly everyone else, his archives can be found on Youtube.

I cannot leave out one of my favorite webcasts, “Amateurlogic”. George and Tommy do a program every month. They each do a segment, along with a ham from Australia. Often they read and answer email questions from viewers. They also produce a series of programs to help people pass their Technician exams. These programs go under the title “Ham College”. Check them out at [amateurlogic.tv](http://amateurlogic.tv).

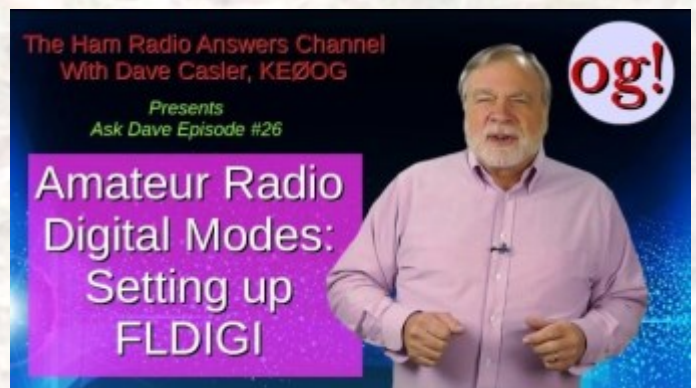
I could go on about many more videos and podcasts (audio only) that are available, but that would take hours. Got a topic that you are interested in? Open your computer browser and type it in. You are certain to find a wealth of information. Good watching!

73 de *David Harden*, KJ4CM

## Some Sample Videos:



**Ham Nation Episode 254 : Field Day Recap**



**Ask Dave! Episode 26**



# GARS Membership Page

## New GARS Members in June

**Charles McElhannon (KM4QVI)**  
**Sharon Willet (KM4TVU)**

**New Members: 2**

**Total Members as of July 1, 2016**  
**- 284-**

**Join us for our weekly  
 breakfast gathering at  
 7:30 AM most Saturdays**  
**at**

**Golden Corral**  
**2155 Riverside Parkway**  
**Lawrenceville, GA 30043**

**([Directions](#))**

**The following members are  
 celebrating birthdays  
 in July:**

**HAPPY BIRTHDAY!!**  
**From All of Us at GARS**

**Richard Barnes (W4IXN)**  
**James Boyd (KB9VTM)**  
**Warren Cameron (KM4FQH)**  
**Bill Cherepy (WB4WTN)**  
**William Cohl (WB2PIH)**  
**Daniel Connolly (KM4PTZ)**  
**Jeffery Cutchins (AB4HF)**  
**Jean Delashmit (KM4FVO)**  
**Juan Dominguez**  
**Randy Drescher Jr (K4HS)**  
**Brian Jones (KD4UYP)**  
**Terry Jones (W4TL)**  
**Paul Kelley (W4KLY)**  
**Sherwin Levinson (K4SML)**  
**Charlotte Matchette (KE4OSR)**  
**Audrey Mc Elroy (KM4BUN)**  
**Rob Osattin (KI4UTY)**  
**William (Bill) Pierce (K1LP)**  
**John Price (N4IHP)**  
**Lowry Rouse Jr (KM4Z)**  
**Stephen Schreiman (KJ4MWF)**  
**James Thompson (KK4WET)**  
**Matt Wallace (KM4SWR)**  
**Sid Weaver (N4NQ)**  
**Roy Wilbourn (KM4HIH)**  
**Randy Woolery (KK4CRL)**

## GARS MEMBERSHIP

Your current GARS membership status is shown in the monthly newsletter e-mail towards the bottom of the message.

To become a GARS member, or to renew your GARS membership, please visit our website—<http://www.gars.org>

To make changes to your GARS membership (moved, new e-mail address, new phone number, etc.), please e-mail the Membership Committee - [membership@gars.org](mailto:membership@gars.org)

You can **renew or update** your Amateur Radio license information with the FCC at their website for free <http://wireless.fcc.gov/uls/index.htm?job=home>

To update your ARRL information, please visit their website - <http://www.arrl.org>

Membership Chair: Karen Albritton, KI4HPP  
 Committee Members: Dave Bruse, W4DTR, Pam Meridy, WB1AKQ

# Net Managers Corner

## Monday Night 2 Meter “Want, Swap, Sell, and Information Net”

### GARS NEEDS MEMBERS TO SERVE AS NET CONTROLLERS

**GARS is a great Amateur Radio service club** and we have the membership and awards to prove it. Our club is a very busy and active club and we use the Monday night net to get the information out to our members. Weekly participation is needed to make our net function well. There is only a small group of very dedicated people that make the net happen each week, and we need more members to volunteer to serve as Net Control Stations (NCS) on a rotating basis.

Out of almost 300 members, there are only twelve primary people who serve as NCS for the GARS net every Monday night. In no particular order, they are:

Norm - WA4ZXV	Kyle - W4KDA	Mitch - N0DIM
Hal - W4IGE	Don - KW4AL	Ray - N4GYN
Sandy - KJ4DRO	John - WB4QDX	Bill - KK4AUA
Kevin - KK4WOG	Chuck - KK4TKJ	Charles - N4CEA

As GARS Net Manager (Chuck KK4TKJ), I need 30 people to fill NCS positions. I do plan to post the schedule months in advance. Any conditions will be accommodated that you, as a rotating NCS, need to place on the scheduling of your duties. If your plans change, I can make adjustments for the schedule to work, and I will make those changes happen as soon as I am notified of a problem. As Net Manager, I also send out reminders each week to let the NCS scheduled know he or she is NCS for the next Monday night net. In short, serving as a rotating NCS is a small duty but a great contribution to the club. The “Want, Swap, Sell Information Net” begins promptly at 19:30 every Monday night and runs about 45 minutes. As a scheduled NCS, you will request the assistance of a volunteer alternate NCS each time you have Net Control. Your simple duties will be to tune in to the GARS repeater, read the script, take a few notes and forward the information to me for record keeping.

Please lend a hand and contact me at [KK4TKJ@arrl.net](mailto:KK4TKJ@arrl.net). Sign up to help support the effort that makes GARS the great club that it is.

73 and see you on the Nets!

*Chuck McCord.* KK4TKJ Net Manager



**Don't miss the “KNOW IT ALL” Net  
Wednesday nights, 8:30-9:30 pm**



We have moved to a new format. We begin with current events and announcements. Then we Introduce New Technology. Then we have check-ins and general discussion. Post net is Rag Chew format.

*Jeff*—AB4HF

Everyone is having great fun on this net! Come join us and become a “KNOW IT ALL”.

**TIME: 8:30 every Wednesday evening on the GARS repeater - 2m 147.075 + PL 82.5**



## ARRL CONTESTING INFO

### From ARRL Contest Calendar

>>>> NOTE: For more information click the links <<<<

#### July 2016

9-10 [IARU HF World Championship](#)

#### August 2016

6-7 [August UHF](#)

20-21 [10 GHz & Up – Round 1](#)

21 [Rookie Roundup – RTTY](#)

#### September 2016

10-12 [September VHF](#)

17-19 [10 GHz & Up - Round 2](#)

24-25 [EME - 2.3 GHz & Up](#)

#### October 2016

17-21 [School Club Roundup](#)

22-23 [EME - 50 to 1296 MHz](#)

#### November 2016

5-7 [Nov. Sweepstakes – CW](#)

19-21 [Nov. Sweepstakes – Phone](#)

19-20 [EME - 50 to 1296 MHz](#)

#### December 2016

2-4 [160 Meter](#)

10-11 [10 Meter](#)

18 [Rookie Roundup–CW](#)

**For more information:**

<http://www.arrl.org/contest-calendar>

## HAMFEST CALENDAR

### Southeast US

#### **08/20/2016 | [SouthEast Division Convention \(Huntsville Hamfest\)](#)**

**Location:** Huntsville, AL

**Type:** ARRL Convention

**Sponsor:** Huntsville Hamfest Association

**Website:** <http://hamfest.org>

#### **10/15/2016 | [Al Brock Memorial Hamfest/Tailgate](#)**

**Location:** Rome, GA

**Type:** ARRL Hamfest

**Sponsor:** Northwest Georgia Amateur Radio Club

**Website:** <http://w4vo.org>

#### **10/15/2016 | [Coastal ARS Savannah Swapmeet](#)**

**Location:** Savannah, GA

**Type:** ARRL Hamfest

**Sponsor:** Coastal Amateur Radio Society

**Website:** [http://coastalamateurradiosociety.net/wpW4LHSblog/?page\\_id=383](http://coastalamateurradiosociety.net/wpW4LHSblog/?page_id=383)

#### **11/05/2016 | [Georgia State Convention \(Stone Mountain Hamfest\)](#)**

**Location:** Lawrenceville, GA

**Type:** ARRL Convention

**Sponsor:** Alford Memorial Radio Club

**Website:** <http://www.stonemountainhamfest.com>

**For more information:**

<http://www.arrl.org/hamfests-and-conventions-calendar>



## G A R S Officers and Committee Chairs

# BSA Venture Crew 73 Wants You!

## Venture Crew 73 is for you.

If you are between 14 and 21 years old, enjoy outdoor activities, and have an interest in radio technology

- Venture Crews are part of the Boy Scouts of America.
- *Venture crew 73 is chartered by the Gwinnett Amateur Radio Society.*
- Venture crew 73 is coed.
- *Meetings are on the second Tuesday of the month, 7:00 pm, at EAA 690 Hangar at:  
Briscoe Field - Sports Aviation Complex  
Hangar 1, 690 Airport Road  
Lawrenceville, GA 30045*
- Crew 73 is a youth-run organization, which means that our Crew President and other youth plan the Crew's outings and activities each month.

*We enjoy:*

- ◊ *Camping*
- ◊ *Hiking*
- ◊ *Horseback Riding*
- ◊ *Shooting Sports*

- Crew activities usually mix high adventure and the use of Amateur Radio.
- For more information, attend our next meeting or contact:

**Steve Back, WB2OGY**

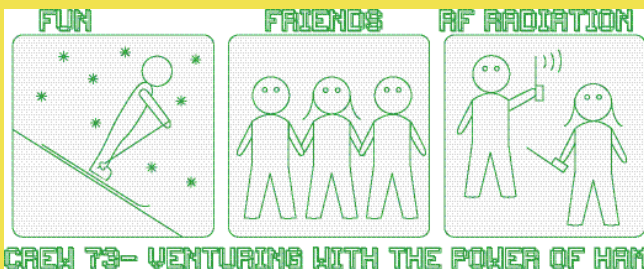
Venture Crew 73 Committee Chairman  
Phone: 770-712-9069

E-mail: [committeechair@venturecrew73.org](mailto:committeechair@venturecrew73.org)

**Kevin McClure, KF4HFN**

Venture Crew 73 Advisor  
Phone: 706 318 2519

Email: [advisor@venturecrew73.org](mailto:advisor@venturecrew73.org)



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Mike Swiderski, K4HBI  
Technical Advisor



Mitch Matteau, N0DIM  
Winter Field Day



Pam Meridy, WB1AKQ  
QSO Party and VHF Contest  
Chair



### DIRECTORS

Kyle Albritton, W4KDA



David Adcock, KA4KKF



Norm Schklar, WA4ZXV





## EXTRA! EXTRA!

### AUGUST MEETING

#### Introduction into Digital Mobile Radio (DMR)

By Tom Power, W8RED

#### Repeater Status

147.075 operational in Snellville  
147.255 operation in Snellville  
444.525 operational in Snellville  
Link remote receivers being added  
442.100 operational at Goshen Springs  
145.590 operational at Bogan Road  
6M currently down



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### GARS Recurring Calendar

- ◆ Monthly club meeting is the 2<sup>nd</sup> Tuesday of the month at 7 pm
- ◆ Every Monday at 7:30 pm: GARS Want, Swap, Sell, and Information Net + 8:30 pm: ARES Training on the GARS 147.075 MHz repeater
- ◆ Every Wednesday at 8:30 pm: GARS Know It All Net on the GARS 147.075 MHz repeater
- ◆ Every Saturday at 7:30 am: GARS Weekly Breakfast, Golden Corral Restaurant, Riverside Drive, Lawrenceville
- ◆ Second Sunday at 2:00 pm: GARS Ham Exam Session, Fire Station #24 2735 Mall of Georgia Blvd Buford, GA 30519

## JUNE MEETING MINUTES

Rick, N4XYY, called the meeting to order at 7:00pm.

First time visitors were welcomed and roundtable introductions were made. Ticket upgrades were recognized.

#### General Business

Sid, N4NQ, gave the treasure's report. Voting took place and the treasure's report was approved

Karen, KI4HPP, gave the membership report: GARS has 283 members.

*NOTE: Rick reminded us that our designation as a "Special Service Club" requires that 50% of membership also be an ARRL member. (GARS receives a portion of the sign-up and renewal fee. see Sid, N4NQ for details)*

Nick, N0NCQ, Program Manager announced that July program will be on "Remote Controlling your Station" by Ray, N4GYN.

#### Future Programs

**August 9<sup>th</sup>** – "Introduction into Digital Mobile Radio (DMR)" by Tom Power, W8RED

**September 13<sup>th</sup>** – "My Latest DX-pedition" by Robert Allphin, K4UEE

#### Net Schedule

- GARS Want, Swap, Sell and Information, Monday's @ 7:30pm
- ARES Training, Monday's @ 8:30pmm
- Know-it-All, hosted by Jeff, AB4HF, Wednesday's @ 8:30pm

#### Program

David, KA4KKF reviewed plans for "Field Day".

Ralph, KJ4CNC handed out Field Day t-shirts.

Nick, N0NCQ conducted a Mini-Fox Hunt and we ate Ice Cream.

#### Upcoming Events (*for additional details go to [www.GARS.org](http://www.GARS.org)*)

Popcorn 5k -6/18 at Shorty Howell Park (contact Sandy, KJ4DRO for details)

Field Day – 6/25 -26 at Harbins Park (*check the GARS.org website for details*)

National Park on the Air (NPOTA) "Chattahoochee National Park - Abbots Bridge Unit" – 7/16

Meeting concluded around 8:30pm

*Nick*, AB4CQ, Secretary

## EXTRA! EXTRA!

### GARS Calendar of Events for 2016

- GARS Breakfast - Every Saturday morning
- GARS Ham Exam Session - 2nd Sunday every month
- TechFest Feb (2017)
- Georgia QSO Party April 9 - 10
- North metro area Fox Hunt April
- May Madness May 6 - 15
- Satellites in the Park May 21
- Memorial Day Parade May 30
- ARC/KARC Hamfest 1st Saturday of June
- Field Day June 25 - 26
- W4GR Spcl Event - 40th Anniv. Summer-TBA
- Maker Faire 1st Weekend of October
- Sept VHF/UHF Contest Sept 10 - 12
- Stone Mt. Hamfest November 5 & 6
- JOTA - 3rd Weekend of ... October 15

### GARS NPOTA Activation 10am Saturday, July 16th

GARS is activating the Abbotts Bridge Unit of the Chattahoochee River National Recreation Area several times this year. Our first activation was Saturday, May 7th. This is our second activation.

We plan to arrive at the unit around 10:00 am, set up, have a late lunch around 1:00-1:30 pm, and operate until about 6:00 pm. We hope to have 2 to 4 HF stations operating both SSB and CW, depending on the participation. If you plan to come we ask that you bring your own lawn chair.

**PLEASE NOTE: There is a \$3 parking fee and parking is limited. We encourage you to carpool. There is a shopping center 2 minutes away at the corner of Peachtree IND BLVD and HWY-120 which might serve as a good meeting location for those willing to carpool.**

For more information about the ARRL National Parks on the Air (NPOTA) event - <https://npota.arrl.org/>  
NPOTA rules - <http://www.arrl.org/npota-rules/>  
For more information about the Chattahoochee River National Recreation Area - <https://www.nps.gov/chat/>

--  
Norm WA4ZXV

### GARS CALENDAR OF EVENTS FOR JULY 2016

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
					1	2 7:30 - 9:30 am Breakfast at Golden Corral
3	4 8:00 - 8:30 pm GARS 2m Net <b>INDEPENDENCE DAY!</b>	5 6:30 - 8:00 pm GARS Exec Meeting	6 8:30 - 9:30 pm GARS Know-It-All Net	7	8	9 7:30 - 9:30 am Breakfast at Golden Corral
10 <b>GARS_VE_Team Testing Session 1:45 to 4:00pm Gwinnett Co. Fire Station #5</b>	11 8:00 - 8:30 pm GARS 2m Net	12 <b>5:00 - 6:30 PM Dinner at Flying Machine 7:00 - 9:00pm GARS Meeting</b>	13 8:30 - 9:30 pm GARS Know-It-All Net	14	15	16 7:30 - 9:30 am Breakfast at Golden Corral <b>GARS NPOTA Activation</b>
17	18 8:00 - 8:30 pm GARS 2m Net	19	20 8:30 - 9:30 pm GARS Know-It-All Net	21	22	23 7:30 - 9:30 am Breakfast at Golden Corral
24	25 8:00 - 8:30 pm GARS 2m Net	26	27 8:30 - 9:30 pm GARS Know-It-All Net	28	29	30 7:30 - 9:30 am Breakfast at Golden Corral
31			<b>NOTES:</b>			



Metro Testing Sessions	Ham Exam Results	Metro Club Meetings
<p><i>GARS publishes Metro Atlanta VE exam schedules as a service and is not responsible for errors or changes. Call and confirm schedules before going. All sessions are walk-in. Take copies of current license and certificate of completed elements with you to all sessions. Find additional sessions online at <a href="http://www.arrl-ga.org">http://www.arrl-ga.org</a>.</i></p> <p><b>First Sunday, ODD Months</b>  2 pm (Jan, Mar, May, Jul, Sep, &amp; Nov)  VEC: WCARS  Braselton Public Utility Building  4986 Highway 53, Braselton, GA  Roger Gibson, WB4T  (770) 271-4210 or (770) 712-9560  <a href="mailto:w4rlg@bellsouth.net">w4rlg@bellsouth.net</a></p> <p><b>First Sunday, EVEN Months</b>  2 pm (Feb, Apr, Jun, Aug, Oct, Dec)  VEC: WCARS  Hall County EOC  470 Crescent Dr. Gainesville, Ga.  Perry Roper, KO4RD  (770) 536-3056</p> <p><b>Second Saturday</b>  10:00 AM  Alpharetta North Park, Adult Activities Center  13450 Cogburn Rd, Alpharetta, GA 30004  Ian Kahn, KM4IK  E-mail: <a href="mailto:km4ik.ian@gmail.com">km4ik.ian@gmail.com</a></p> <p><b>Second Saturday, ODD Months</b>  VEC: ARRL  8:30 a.m.  GMC Community Ctr  5325 Leon St.  Stone Mountain, GA  Frank Haynes, KV4SP  (678) 467-3712</p> <p><b>Second Sunday</b>  VEC: W5YI  2 pm  Fire Station #24  Mall of Georgia Boulevard  Buford, GA 30519  Contact: Dave Bruse, W4DTR  E-mail: <a href="mailto:exams@gars.org">exams@gars.org</a></p> <p><b>Third Saturday</b>  VEC: W5YI  2 pm @ Barrow Co. Emerg. Serv. Bldg  66 McElroy Street  Winder, GA 30680  Steve Donellan, N5SMD  (404) 520-0368  E-mail: <a href="mailto:n5smd@comcast.net">n5smd@comcast.net</a></p> <p>(cont. next column)</p>	<p>We had a very good testing session on June 12<sup>th</sup>.  There were seven applicants and all seven passed exams as follows:</p> <ul style="list-style-type: none"> <li>- Three new Technician class</li> <li>- One new General class (passed Tech and General)</li> <li>- Three upgraded to Amateur Extra</li> </ul> <p>Many thanks to these VE's who made the exam possible:</p> <p>Bill Cherepy, WB4WTN  Larry Whited, AB4NX  Karen Whited, AB4NW  Sid Weaver, N4NQ (Co-CVE)  Dave Bruse, W4DTR (CVE)  Nick Doemland, AB4CQ  Steve Back, WB2OGY  Mitch Mattern, N0DIM  Allison Lynch, AB4YL  Frank Haynes, KV4SP  Dale Lynch, AE8DL  Rick Cobb, N4XYY</p> <p>73,</p> <p><i>Don Bagby</i>, KK4NJM (Co-CVE)  GARS VE Team Leader  E-mail: <a href="mailto:exams@gars.org">exams@gars.org</a></p> <p>GARS VE Website:  <a href="http://groups.yahoo.com/group/GARS_VE_Team/">http://groups.yahoo.com/group/GARS_VE_Team/</a></p> <p><b>Fourth Tuesday</b>  ARRL VEC  7 pm @ United Way Service Center  6279 Fairburn Rd., Douglasville  Jessie Clower, KB4WFK  (770) 942-6466</p> <p><b>Fourth Sunday</b>  2:30 pm Georgia Tech  VanLeer Elec. Building  Rm. W218, 777 Atlantic Dr.  See <a href="http://www.w4aql.com">www.w4aql.com</a>  Alexander G. Carver  (404) 894-2936  <a href="mailto:acarver@ece.gatech.edu">acarver@ece.gatech.edu</a></p>	<p><b>First Tuesday</b>  Kennehoochee ARC  Downtown Marietta  Fire Station #1, Training Room  112 Haynes Street  Marietta, Georgia 30060  Meeting begins at 7:00pm  Talk In 146.880(-)</p> <p><b>First Thursday</b>  Atlanta Radio Club  Georgia Red Cross HQ  1955 Monroe Dr., Atlanta  Meeting is at 7:30pm  Talk In -146.820(-)  N.E. Georgia ARC  Commerce Public Library  Meeting is at 6:30pm  Talk In - 147.225(+)  PL 123.0</p> <p><b>Second Monday</b>  Georgia Tech ARC  Room W218  Van Leer Electrical  Engineering Bldg.  Georgia Tech Campus  Meeting at 7:00pm</p> <p><b>Second Thursday</b>  Alford Memorial Radio Club  Annistown Road Baptist Church  Intersection of Annistown Rd &amp; Spain Rd  Stone Mountain  Dinner at 6:00pm  Meeting at 7:30pm  Talk In - 146.760(-)</p> <p><b>Second Saturday</b>  North GA QRP Club  Board Room of The  Shepherd Center at  2020 Peachtree Rd, NW, Atlanta  at 10:00 AM</p> <p><b>Third Tuesday</b>  North Fulton Amateur Radio League  Alpharetta Recreation &amp; Parks Dept  Alpharetta Adult Activity Center  13450 Cogburn Road  Alpharetta, GA 30004  meeting at 7:30pm  Talk In - 145.47(-)  For more, go to: <a href="http://www.gars.org/">http://www.gars.org/</a></p>

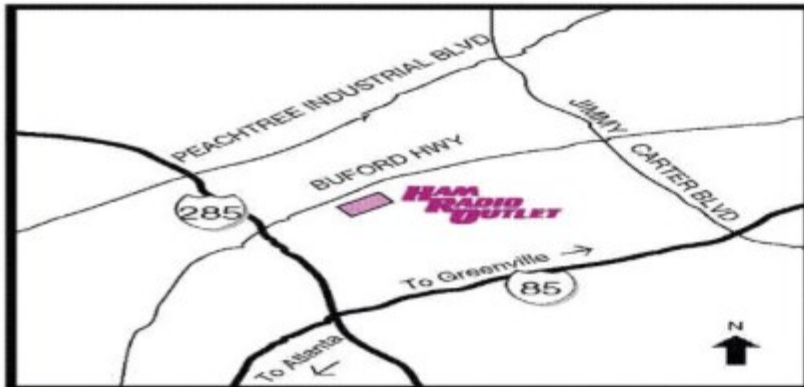
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